

SAFETY RELATED BROADCAST MESSAGE (MESSAGE 14)

The safety related broadcast message could be variable in length, based on the amount of safety related text. The length should vary between 1 and 5 slots.

Parameter	Number of bits	Description
Message ID	6	Identifier for Message 14; always 14.
Repeat indicator	2	Used by the repeater to indicate how many times a message has been repeated. 0-3; 0 = default; 3 = do not repeat any more
Source ID	30	MMSI number of source station of message
Spare	2	Not used. Should be set to zero. Reserved for future use
Safety related text	Maximum 968	6-bit ASCII
Maximum number of bits	Maximum 1 008	Occupies up to 3 slots, or up to 5 slots when able to use FATDMA reservations. For Class B “SO” mobile AIS stations the length of the message should not exceed 3 slots For Class B “CS” mobile AIS stations the length of the message should not exceed 1 slot

The table below gives the number of 6-bit-ASCII characters, so that the whole message fits into a given number of slots. It is recommended that any application minimizes the use of slots by limiting the number of characters to the numbers given, if possible. The probability that a message will be successfully sent and received decreases with each additional slot required, especially since received messages cannot be acknowledged:

Number of slots	Maximum 6-bit ASCII characters
1	16
2	53
3	90
4	128
5	161

(Source: [Rec. ITU-R M.1371-5](#))